

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L5 not L6	32

Database:

US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L8

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**
DATE: Monday, September 23, 2002 [Printable Copy](#) [Create Case](#)
Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB; PLUR=YES; OP=OR

<u>L8</u>	L5 not L6	32	<u>L8</u>
<u>L7</u>	L3 not L6	10	<u>L7</u>
<u>L6</u>	L3 and L5	6	<u>L6</u>
<u>L5</u>	L1 and L4	38	<u>L5</u>
<u>L4</u>	(add\$3 or addit\$3 or insert\$3 or substitut\$3) near20 (ketoreductase or dehydratase or enoylreductase)	103	<u>L4</u>
<u>L3</u>	L1 and L2	16	<u>L3</u>
<u>L2</u>	(inactivat\$3 or delet\$3 or mutat\$3 or disrupt\$3) near20 (ketoreductase or dehydratase or enoylreductase)	41	<u>L2</u>
<u>L1</u>	polyketide and (ketoreductase or dehydratase or enoylreductase)	112	<u>L1</u>

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 6410301 B1

L6: Entry 1 of 6

File: USPT

Jun 25, 2002

US-PAT-NO: 6410301

DOCUMENT-IDENTIFIER: US 6410301 B1

TITLE: Myxococcus host cells for the production of epothilones

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Julien; Bryan	Oakland	CA		
Katz; Leonard	Hayward	CA		
Khosla; Chaitan	Palo Alto	CA		

US-CL-CURRENT: 435/252.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 2. Document ID: US 6303342 B1

L6: Entry 2 of 6

File: USPT

Oct 16, 2001

US-PAT-NO: 6303342

DOCUMENT-IDENTIFIER: US 6303342 B1

TITLE: Recombinant methods and materials for producing epothilones C and D

DATE-ISSUED: October 16, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Julien; Bryan	Oakland	CA		
Katz; Leonard	Hayward	CA		
Khosla; Chaitan	Palo Alto	CA		
Tang; Li	Foster City	CA		

US-CL-CURRENT: 435/76

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☒ 3. Document ID: US 6258566 B1

L6: Entry 3 of 6

File: USPT

Jul 10, 2001

US-PAT-NO: 6258566

DOCUMENT-IDENTIFIER: US 6258566 B1

TITLE: Production of polyketides in bacteria and yeast

DATE-ISSUED: July 10, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barr; Philip J.	Oakland	CA		
Santi; Daniel V.	San Francisco	CA		
Ashley; Gary W.	Alameda	CA		
Ziermann; Rainer	San Mateo	CA		

US-CL-CURRENT: 435/76; 435/183, 435/252.3, 435/252.33, 435/252.6, 435/254.11,
435/254.2, 435/320.1, 435/325, 435/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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4. Document ID: US 6033883 A

L6: Entry 4 of 6

File: USPT

Mar 7, 2000

US-PAT-NO: 6033883

DOCUMENT-IDENTIFIER: US 6033883 A

TITLE: Production of polyketides in bacteria and yeast

DATE-ISSUED: March 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barr; Philip J.	Oakland	CA		
Santi; Daniel V.	San Francisco	CA		
Ashley; Gary W.	Alameda	CA		
Ziermann; Rainer	San Mateo	CA		

US-CL-CURRENT: 435/148; 435/252.33, 435/254.21, 435/320.1, 435/471, 435/477, 435/483,
435/484, 435/486, 435/488, 435/69.1, 435/69.7, 536/23.2, 536/23.4, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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5. Document ID: US 6004787 A

L6: Entry 5 of 6

File: USPT

Dec 21, 1999

US-PAT-NO: 6004787

DOCUMENT-IDENTIFIER: US 6004787 A

TITLE: Method of directing biosynthesis of specific polyketides

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Katz; Leonard	Waukegan	IL		
Donadio; Stefano	Libertyville	IL		
McAlpine; James B.	Libertyville	IL		

US-CL-CURRENT: 435/183; 435/252.3, 435/252.35, 435/320.1, 435/471, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 6. Document ID: US 5824513 A

L6: Entry 6 of 6

File: USPT

Oct 20, 1998

US-PAT-NO: 5824513

DOCUMENT-IDENTIFIER: US 5824513 A

TITLE: Recombinant DNA method for producing erythromycin analogs

DATE-ISSUED: October 20, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Katz; Leonard	Waukegan	IL		
Donadio; Stefano	Libertyville	IL		
McAlpine; James B.	Libertyville	IL		

US-CL-CURRENT: 435/76; 435/252.35, 435/320.1, 435/69.1, 514/29, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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Terms	Documents
L3 and L5	6

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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20020094962 A1

L7: Entry 1 of 10

File: PGPB

Jul 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020094962

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020094962 A1

TITLE: Motilide compounds

PUBLICATION-DATE: July 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ashley, Gary	Alameda	CA	US	
Metcalf, Brian	Moraga	CA	US	
Tian, Zong-Qiang	Fremont	CA	US	
Santi, Daniel	San Francisco	CA	US	

US-CL-CURRENT: 514/28; 536/17.4, 536/7.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 2. Document ID: US 20020052028 A1

L7: Entry 2 of 10

File: PGPB

May 2, 2002

PGPUB-DOCUMENT-NUMBER: 20020052028

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020052028 A1

TITLE: Bio-intermediates for use in the chemical synthesis of polyketides

PUBLICATION-DATE: May 2, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Santi, Daniel	San Francisco	CA	US	
Ashley, Gary	Alameda	CA	US	
Myles, David C.	Kensington	CA	US	

US-CL-CURRENT: 435/76; 435/118

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 3. Document ID: US 20020025936 A1

L7: Entry 3 of 10

File: PGPB

Feb 28, 2002

No: Sovereign p.d.

PGPUB-DOCUMENT-NUMBER: 20020025936
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020025936 A1

TITLE: Motilide compounds

PUBLICATION-DATE: February 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ashley, Gary	Alameda	CA	US	
Burlingame, Mark	San Francisco	CA	US	
Carreras, Christopher	Belmont	CA	US	
Santi, Daniel	San Francisco	CA	US	

US-CL-CURRENT: 514/28; 536/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 4. Document ID: US 20020004487 A1

L7: Entry 4 of 10

File: PGPB

Jan 10, 2002

No: Sovereign p.d.

PGPUB-DOCUMENT-NUMBER: 20020004487
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020004487 A1

TITLE: Novel erythromycins and process for their preparation

PUBLICATION-DATE: January 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Leadlay, Peter Francis	Cambridge		GB	
Staunton, James	Cambridge		GB	
Cortes, Jesus	Cambridge		GB	
Pacey, Michael Stephen	Broadstairs		GB	

US-CL-CURRENT: 514/29; 536/7.2, 536/7.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 5. Document ID: US 20010016598 A1

L7: Entry 5 of 10

File: PGPB

Aug 23, 2001

CIPA-Sub No. 6 below

PGPUB-DOCUMENT-NUMBER: 20010016598
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010016598 A1

TITLE: ERYTHROMYCINS AND PROCESS FOR THEIR PREPARATION

PUBLICATION-DATE: August 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
LEADLAY, PETER FRANCIS	CAMBRIDGE		GB	
STAUNTON, JAMES	CAMBRIDGE		GB	
CORTES, JESUS	CAMBRIDGE		GB	
PACEY, MICHAEL STEPHEN	BROADSTAIRS		GB	

US-CL-CURRENT: 514/450

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☒ 6. Document ID: US 6437151 B2

L7: Entry 6 of 10

File: USPT

Aug 20, 2002

US-PAT-NO: 6437151

DOCUMENT-IDENTIFIER: US 6437151 B2

TITLE: Erythromycins and process for their preparation

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leadlay; Peter Francis	Cambridge			GB
Staunton; James	Cambridge			GB
Cortes; Jesus	Cambridge			GB
Pacey; Michael Stephen	Broadstairs			GB

US-CL-CURRENT: 549/271; 536/7.2, 549/13, 549/266, 549/29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☒ 7. Document ID: US 6271255 B1

L7: Entry 7 of 10

File: USPT

Aug 7, 2001

US-PAT-NO: 6271255

DOCUMENT-IDENTIFIER: US 6271255 B1

TITLE: Erythromycins and process for their preparation

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leadlay; Peter Francis	Cambridge			GB
Staunton; James	Cambridge			GB
Cortes; Jesus	Cambridge			GB
Pacey; Michael Stephen	Broadstairs			GB

US-CL-CURRENT: 514/450; 514/29, 536/7.2, 549/13, 549/266, 549/271, 549/29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 8. Document ID: US 6200813 B1

L7: Entry 8 of 10

File: USPT

Mar 13, 2001

US-PAT-NO: 6200813

DOCUMENT-IDENTIFIER: US 6200813 B1

TITLE: Polyketide derivatives and recombinant methods for making same

DATE-ISSUED: March 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Katz; Leonard	Wheeling	IL		
Stassi; Diane L.	Highland Park	IL		
Summers, Jr.; Richard G.	Nashotah	WI		
Ruan; Xiaoan	Lake Bluff	IL		
Pereda-Lopez; Ana	Mundelein	IL		
Kakavas; Stephan J.	Buffalo Grove	IL		

US-CL-CURRENT: 435/477; 435/252.3, 435/252.35, 435/320.1, 435/69.1, 435/69.7,
536/23.2, 536/23.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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K/M/C	Draw Desc	Image
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☐ 9. Document ID: US 6063561 A

L7: Entry 9 of 10

File: USPT

May 16, 2000

US-PAT-NO: 6063561

DOCUMENT-IDENTIFIER: US 6063561 A

TITLE: Polyketide derivatives and recombinant methods for making same

DATE-ISSUED: May 16, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Katz; Leonard	Wheeling	IL		
Stassi; Diane L.	Highland Park	IL		
Summers, Jr.; Richard G.	Appleton	WI		
Ruan; Xiaoan	Lake Bluff	IL		
Pereda-Lopez; Ana	Mundelein	IL		
Kakavas; Stephan J.	Buffalo Grove	IL		

US-CL-CURRENT: 435/4; 435/15, 435/29, 514/29, 536/7.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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K/M/C	Draw Desc	Image
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☐ 10. Document ID: US 6060234 A

L7: Entry 10 of 10

File: USPT

May 9, 2000

US-PAT-NO: 6060234

DOCUMENT-IDENTIFIER: US 6060234 A

*= Priority document*TITLE: Polyketide derivatives and recombinant methods for making same

DATE-ISSUED: May 9, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Katz; Leonard	Wheeling	IL		
Stassi; Diane L.	Highland Park	IL		
Summers, Jr.; Richard G.	Nashotah	WI		
Ruan; Xiaoan	Lake Bluff	IL		
Pereda-Lopez; Ana	Mundelein	IL		
Kakavas; Stephan J.	Buffalo Grove	IL		

US-CL-CURRENT: 435/4; 435/32, 514/29, 536/7.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Terms	Documents
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Search Results - Record(s) 1 through 10 of 32 returned.☐ 1. Document ID: US 20020128213 A1

L8: Entry 1 of 32

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128213
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020128213 A1

Waylato

TITLE: Sixteen-membered macrolide compounds

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Katz, Leonard	Oakland	CA	US	
Ashley, Gary	Alameda	CA	US	
Burlingame, Mark A.	San Francisco	CA	US	
Dong, Steven D.	San Francisco	CA	US	
Fu, Hong	Union City	CA	US	
Li, Yong	Palo Alto	CA	US	
Myles, David C.	Kensington	CA	US	

US-CL-CURRENT: 514/30; 536/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 2. Document ID: US 20020111317 A1

L8: Entry 2 of 32

File: PGPB

Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020111317
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020111317 A1

Waylato

TITLE: Sixteen-membered macrolide compounds

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Katz, Leonard	Oakland	CA	US	
Ashley, Gary	Alameda	CA	US	

US-CL-CURRENT: 514/28; 536/7.1, 536/7.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 3. Document ID: US 20020110874 A1

L8: Entry 3 of 32

File: PGPB

Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020110874
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020110874 A1

TITLE: Recombinant production of novel polyketides

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION: *two late!*

NAME	CITY	STATE	COUNTRY	RULE-47
Khosla, Chaitan	Stanford	CA	US	
Hopwood, David A.	Norwich	CA	GB	
Ebert-Khosla, Susanne	Stanford	CA	US	
McDaniel, Robert	Palo Alto	CA	US	
Fu, Hong	Stanford	CA	US	
Kao, Camilla	Stanford		US	

US-CL-CURRENT: 435/76; 435/252.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 4. Document ID: US 20020106699 A1

L8: Entry 4 of 32

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020106699
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020106699 A1

TITLE: Method of detecting extracellular protein-protein interactions

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION: *Way late*

NAME	CITY	STATE	COUNTRY	RULE-47
Manfredi, John	Salt Lake City	UT	US	
Zhang, Jay	Salt Lake City	UT	US	

US-CL-CURRENT: 435/7.3; 435/254.2, 435/483

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 5. Document ID: US 20020106632 A1

L8: Entry 5 of 32

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020106632
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020106632 A1

TITLE: Screen assay for selecting protein-protein interaction modulators

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Manfredi, John	Salt Lake City	UT	US	

US-CL-CURRENT: 435/4; 435/23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KM/C	Draw Desc	Image
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☐ 6. Document ID: US 20020068332 A1

L8: Entry 6 of 32

Two late

File: PGPB

Jun 6, 2002

PGPUB-DOCUMENT-NUMBER: 20020068332

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020068332 A1

TITLE: Macrolide analogs

PUBLICATION-DATE: June 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Khosla, Chaitan	Palo Alto	CA	US	
Ashley, Gary	Alameda	CA	US	
Fu, Hong	Fremont	CA	US	
Kao, Camilla M.	Palo Alto	CA	US	
McDaniel, Robert	Palo Alto	CA	US	

US-CL-CURRENT: 435/76; 435/325, 435/91.2, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KM/C	Draw Desc	Image
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☐ 7. Document ID: US 20020045220 A1

L8: Entry 7 of 32

Two late

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020045220

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020045220 A1

TITLE: Biosynthesis of polyketide synthase substrates

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Khosla, Chaitan	Palo Alto	CA	US	
Pfeifer, Blaine	Stan Ford	CA	US	

US-CL-CURRENT: 435/76; 435/252.3, 435/252.33, 536/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KM/C	Draw Desc	Image
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8. Document ID: US 20020034797 A1

L8: Entry 8 of 32

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020034797

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020034797 A1

TITLE: MODIFIED MODULAR PKS WITH RETAINED SCAFFOLD

PUBLICATION-DATE: March 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
KHOSLA, CHAITAN	STANFORD	CA	US	
ASHLEY, GARY	ALAMEDA	CA	US	
FU, HONG	STANFORD	CA	US	
KAO, CAMILLA M.	STANFORD	CA	US	
MCDANIEL, ROBERT	PALO ALTO	CA	US	

US-CL-CURRENT: 435/183; 435/252.35, 435/320.1, 435/7.6, 435/91.4, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Chem	Draw Desc	Image
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☐ 9. Document ID: US 20010051356 A1

L8: Entry 9 of 32

File: PGPB

Dec 13, 2001

PGPUB-DOCUMENT-NUMBER: 20010051356

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010051356 A1

TITLE: Methods for making polyketides

PUBLICATION-DATE: December 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Khosla, Chaitan	Stanford	CA	US	
Lau, Janice	Stanford	CA	US	
Pohl, Nicola L.	Menlo Park	CA	US	

US-CL-CURRENT: 435/41; 435/148, 435/193, 435/64, 435/76

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Chem	Draw Desc	Image
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☐ 10. Document ID: US 20010039021 A1

L8: Entry 10 of 32

File: PGPB

Nov 8, 2001

PGPUB-DOCUMENT-NUMBER: 20010039021

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010039021 A1

TITLE: Recombinant production of novel

Sited 5 Jan. 2007 but 3x DDV built to
7 June 1995 Sited
applicator

PUBLICATION-DATE: November 8, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Khosla, Chaitan	Stanford	CA	US	
Hopwood, David A.	Norwich	CA	GB	
Ebert-Khosla, Suzanne	Stanford	CA	US	
McDaniel, Robert	Palo Alto	CA	US	
Fu, Hong	Stanford	CA	US	
Kao, Camilla	Stanford		US	

US-CL-CURRENT: 435/7.1; 435/76

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Search Results - Record(s) 11 through 20 of 32 returned.

☒ 11. Document ID: US 20010024810 A1

L8: Entry 11 of 32

File: PGPB

Sep 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010024810

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010024810 A1

TITLE: Method to prepare macrolide analogs

PUBLICATION-DATE: September 27, 2001

INVENTOR-INFORMATION

NAME	CITY	STATE	COUNTRY	RULE-47
Khosla, Chaitan	Stanford	CA	US	
Ashley, Gary	Alameda	CA	US	
Fu, Hong	Stanford	CA	US	
Kao, Camilla M.	Stanford	CA	US	
McDaniel, Robert	Palo Alto	CA	US	

US-CL-CURRENT: 435/91.1; 435/148, 435/183[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KWIC](#) | [Draw Desc](#) | [Image](#)☐ 12. Document ID: US 6403775 B1

L8: Entry 12 of 32

File: USPT

Jun 11, 2002

US-PAT-NO: 6403775

DOCUMENT-IDENTIFIER: US 6403775 B1

TITLE: Erythronolide compounds

DATE-ISSUED: June 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McDaniel; Robert	Palo Alto	CA		

US-CL-CURRENT: 536/7.2; 549/200, 549/267[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KWIC](#) | [Draw Desc](#) | [Image](#)☒ 13. Document ID: US 6399382 B1

L8: Entry 13 of 32

File: USPT

Jun 4, 2002

US-PAT-NO: 6399382
DOCUMENT-IDENTIFIER: US 6399382 B1

TITLE: Recombinant production of novel polyketides

DATE-ISSUED: June 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Hopwood; David A.	Norwich			GB
Ebert-Khosla; Susanne	Stanford	CA		
McDaniel; Robert	Palo Alto	CA		
Kao; Camilla	Stanford	CA		

US-CL-CURRENT: 435/440; 435/183, 435/189, 435/232, 435/252.3, 435/252.35, 435/320.1,
435/471, 435/486

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☒ 14. Document ID: US 6391594 B1

L8: Entry 14 of 32

File: USPT

May 21, 2002

US-PAT-NO: 6391594
DOCUMENT-IDENTIFIER: US 6391594 B1

TITLE: Modified modular PKS with retained scaffold

DATE-ISSUED: May 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Ashley; Gary	Alameda	CA		
Fu; Hong	Stanford	CA		
Kao; Camilla M.	Stanford	CA		
McDaniel; Robert	Palo Alto	CA		

US-CL-CURRENT: 435/91.4; 435/183, 435/193, 435/252.35, 435/320.1, 435/455, 435/471,
435/486, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 15. Document ID: US 6280999 B1

L8: Entry 15 of 32

File: USPT

Aug 28, 2001

US-PAT-NO: 6280999
DOCUMENT-IDENTIFIER: US 6280999 B1

TITLE: Sorangium polyketide synthases and encoding DNA therefor

DATE-ISSUED: August 28, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gustafsson; Claes	Belmont	CA		
Betlach; Mary C.	San Francisco	CA		
Ashley; Gary	Alameda	CA		
Julien; Bryan	Oakland	CA		
Ziermann; Rainer	San Mateo	CA		

US-CL-CURRENT: 435/252.3; 435/183, 435/320.1, 435/325, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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16. Document ID: US 6274560 B1

L8: Entry 16 of 32

File: USPT

Aug 14, 2001

US-PAT-NO: 6274560

DOCUMENT-IDENTIFIER: US 6274560 B1

TITLE: Cell-free synthesis of polyketides

DATE-ISSUED: August 14, 2001

*Filed 13 August 1999 → Divisional of 5 July 1999
application becoming int
No. 25 in
this series*

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Pieper; Rembert	Washington	DC		
Luo; Guanglin	Madison	CT		
Cane; David E.	Providence	RI		
Kao; Camilla	Palo Alto	CA		

US-CL-CURRENT: 514/29; 435/252.3, 435/252.35, 435/320.1, 435/471

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 17. Document ID: US 6274350 B1

L8: Entry 17 of 32

File: USPT

Aug 14, 2001

US-PAT-NO: 6274350

DOCUMENT-IDENTIFIER: US 6274350 B1

TITLE: Biosynthetic genes for spinosyn insecticide production

DATE-ISSUED: August 14, 2001

INVENTOR-INFORMATION:

Too late

NAME	CITY	STATE	ZIP CODE	COUNTRY
Baltz; Richard H.	Indianapolis	IN		
Crawford; Kathryn P.	Indianapolis	IN		
Broughton; M. Christine	Indianapolis	IN		
Madduri; Krishnamurthy	Woodlawn	OH		
Merlo; Donald J.	Carmel	IN		
Turner; Jan R.	Carmel	IN		
Treadway; Patti J.	Greenwood	IN		
Waldron; Clive	Indianapolis	IN		

US-CL-CURRENT: 435/76; 435/254.2, 435/320.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 18. Document ID: US 6251636 B1

L8: Entry 18 of 32

File: USPT

Jun 26, 2001

US-PAT-NO: 6251636

DOCUMENT-IDENTIFIER: US 6251636 B1

Too late
*was provisional p.d*TITLE: Recombinant oleandolide polyketide synthase

DATE-ISSUED: June 26, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Betlach; Mary C.	San Francisco	CA		
Shah; Sanjay Krishnakant	Concord	CA		
McDaniel; Robert	Palo Alto	CA		
Tang; Li	Foster City	CA		

US-CL-CURRENT: 435/76; 435/252.35, 435/254.2, 435/320.1, 435/325, 435/419, 536/23.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 19. Document ID: US 6221641 B1

L8: Entry 19 of 32

File: USPT

Apr 24, 2001

US-PAT-NO: 6221641

DOCUMENT-IDENTIFIER: US 6221641 B1

*Too late*TITLE: Method for making polyketides

DATE-ISSUED: April 24, 2001

priority to 2 provisions
both filed
Sold 2 July 1994 *2 July 1994*

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Lau; Janice	Stanford	CA		
Pohl; Nicola L.	Menlo Park	CA		

US-CL-CURRENT: 435/193; 435/69.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWC	Draw Desc	Image
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☐ 20. Document ID: US 6215007 B1

L8: Entry 20 of 32

File: USPT

Apr 10, 2001

US-PAT-NO: 6215007

DOCUMENT-IDENTIFIER: US 6215007 B1

TITLE: Recombinant production of novel polyketides

DATE-ISSUED: April 10, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Hopwood; David A.	Norwich			GB
Ebert-Khosla; Suzanne	Stanford	CA		
McDaniel; Robert	Palo Alto	CA		
Fu; Hong	Stanford	CA		

US-CL-CURRENT: 549/417; 549/389, 549/400, 560/128, 562/433, 562/435, 562/461

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☒ 21. *Earliest Khosla disclosure but redundant w/ 2 earlier issued patents* Document ID: US 6214573 B1
L8: Entry 21 of 32 File: USPT Apr 10, 2001

US-PAT-NO: 6214573

DOCUMENT-IDENTIFIER: US 6214573 B1

TITLE: Recombinant production of novel polyketides

DATE-ISSUED: April 10, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Hopwood; David A.	Norwich			
Ebert-Khosla; Suzanne	Stanford	CA		
McDaniel; Robert	Palo Alto	CA		
Fu; Hong	Stanford	CA		

Sited 5 March 1999
DIV or COM back to 08/123,732 Sited 20 Sep 1993
Also represented by GB

US-CL-CURRENT: 435/41; 435/132, 435/133, 435/147, 435/148, 435/252.3, 435/252.33, 435/252.35

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 22. Document ID: US 6143526 A

L8: Entry 22 of 32

File: USPT

Nov 7, 2000

US-PAT-NO: 6143526

DOCUMENT-IDENTIFIER: US 6143526 A

TITLE: Biosynthetic genes for spinosyn insecticide production

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Baltz; Richard H.	Indianapolis	IN	46220	
Broughton; M. Christine	Indianapolis	IN	46220	
Crawford; Kathryn P.	Indianapolis	IN	46201	
Madduri; Krishnamurthy	Woodlawn	OH	45215	
Merlo; Donald J.	Carmel	IN	46032	
Treadway; Patti J.	Greenwood	IN	46143	
Turner; Jan R.	Carmel	IN	46032	
Waldron; Clive	Indianapolis	IN	46220	

Two lots!
Sited 9 March 1999

US-CL-CURRENT: 435/76; 435/183, 435/189, 435/254.2, 435/320.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KM/C	Draw Desc	Image
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☐ 23. Document ID: US 6117659 A

L8: Entry 23 of 32

File: USPT

Sep 12, 2000

US-PAT-NO: 6117659

DOCUMENT-IDENTIFIER: US 6117659 A

TITLE: Recombinant narbonolide polyketide synthase

DATE-ISSUED: September 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ashley; Gary	Alameda	CA		
Betlach; Melanie C.	Burlingame	CA		
Betlach; Mary	San Francisco	CA		
McDaniel; Robert	Palo Alto	CA		
Tang; Li	Foster City	CA		

US-CL-CURRENT: 435/155; 435/132, 435/189, 435/252.3, 435/252.33, 435/252.35,
435/320.1, 536/23.2, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KM/C	Draw Desc	Image
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☐ 24. Document ID: US 6090601 A

L8: Entry 24 of 32

File: USPT

Jul 18, 2000

US-PAT-NO: 6090601

DOCUMENT-IDENTIFIER: US 6090601 A

TITLE: Sorangium polyketide synthase

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gustafsson; Claes	Belmont	CA		
Betlach; Mary C.	San Francisco	CA		

US-CL-CURRENT: 435/183; 435/252.3, 435/320.1, 435/325, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KM/C	Draw Desc	Image
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☒ 25. Document ID: US 6080555 A

L8: Entry 25 of 32

File: USPT

Jun 27, 2000

US-PAT-NO: 6080555

DOCUMENT-IDENTIFIER: US 6080555 A

TITLE: Synthesis of polyketides from diketides

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Pieper; Rembert	Washington	DC		
Luo; Guanglin	Providence	RI		
Cane; David E.	Providence	RI		

US-CL-CURRENT: 435/41; 435/64, 435/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 26. Document ID: US 6077696 A

L8: Entry 26 of 32

File: USPT

Jun 20, 2000

US-PAT-NO: 6077696

DOCUMENT-IDENTIFIER: US, 6077696 A

TITLE: Recombinant production of novel polyketides

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Hopwood; David A.	Norwich			GB
Ebert-Khosla; Suzanne	Stanford	CA		
McDaniel; Robert	Palo Alto	CA		
Fu; Hong	Stanford	CA		
Kao; Camilla	Stanford	CA		

US-CL-CURRENT: 435/135; 435/132, 435/147, 435/148, 435/183, 435/252.3, 435/252.33,
435/252.35, 435/320.1, 536/23.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☒ 27. Document ID: US 6022731 A

L8: Entry 27 of 32

File: USPT

Feb 8, 2000

US-PAT-NO: 6022731

DOCUMENT-IDENTIFIER: US, 6022731 A

TITLE: Recombinant production of novel polyketides

DATE-ISSUED: February 8, 2000

INVENTOR-INFORMATION:

Khosla et al.

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Hopwood; David A.	Norwich			GB
Ebert-Khosla; Suzanne	Stanford	CA		
McDaniel; Robert	Palo Alto	CA		

US-CL-CURRENT: 435/252.35; 435/252.3, 435/252.33, 435/320.1, 435/471, 435/476,
536/23.1, 536/23.2, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 28. Document ID: US 5962290 A = *Too late Ser 102(e)*

L8: Entry 28 of 32

File: USPT

Oct 5, 1999

US-PAT-NO: 5962290

DOCUMENT-IDENTIFIER: US 5962290 A

08/949,943
TITLE: Recombinant production of novel polyketides

DATE-ISSUED: October 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Hopwood; David A.	Norwich			GB
Ebert-Khosla; Suzanne	Stanford	CA		
McDaniel; Robert	Palo Alto	CA		
Fu; Hong	Stanford	CA		
Kao; Camilla	Stanford	CA		

US-CL-CURRENT: 435/183; 435/252.3, 435/252.33, 435/252.35, 435/320.1, 435/471,
435/476, 536/23.1, 536/23.2, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☒ 29. Document ID: US 5843718 A *204 Ser 102(e)*

L8: Entry 29 of 32

File: USPT

Dec 1, 1998

US-PAT-NO: 5843718

DOCUMENT-IDENTIFIER: US 5843718 A

08/829,244
TITLE: Recombinant production of novel polyketides

DATE-ISSUED: December 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Hopwood; David A.	Norwich			GB2
Ebert-Khosla; Susanne	Stanford	CA		
McDaniel; Robert	Palo Alto	CA		
Fu; Hong	Stanford	CA		

*Sol'd 31 March 1997. DIV of 08/238,811
with No. 32 below*

US-CL-CURRENT: 435/69.1; 435/183, 435/252.3, 435/325

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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30. Document ID: US 5830750 A *2 OLC Ser 102(c)*

L8: Entry 30 of 32

File: USPT

Nov 3, 1998

US-PAT-NO: 5830750 *2 O 8/828, 887*
DOCUMENT-IDENTIFIER: US 5830750 A

TITLE: Recombinant production of novel polyketides

DATE-ISSUED: November 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE
Khosla; Chaitan	Stanford	CA	
Hopwood; David A.	Norwich		
Ebert-Khosla; Suzanne	Stanford	CA	

COUNTRY *not in this song*
GB2US-CL-CURRENT: 435/252.35; 435/252.3, 435/254.11, 435/325

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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31. Document ID: US 5712146 A

L8: Entry 31 of 32

File: USPT

Jan 27, 1998

US-PAT-NO: 5712146

DOCUMENT-IDENTIFIER: US 5712146 A

TITLE: Recombinant combinatorial genetic library for the production of novel polyketides

DATE-ISSUED: January 27, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Hopwood; David A.	Norwich			GB2
Ebert-Khosla; Suzanne	Stanford	CA		
McDaniel; Robert	Palo Alto	CA		
Fu; Hong	Stanford	CA		
Kao; Camilla	Stanford	CA		

US-CL-CURRENT: 435/252.35; 435/148, 435/156, 435/252.3, 435/252.33, 435/320.1, 536/23.1, 536/23.2, 536/23.7

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

w/IDS ✓ earliest Khosla disclosure

32. Document ID: US 5672491 A

L8: Entry 32 of 32

File: USPT

Sep 30, 1997

US-PAT-NO: 5672491

DOCUMENT-IDENTIFIER: US 5672491 A

TITLE: Recombinant production of novel polyketides

DATE-ISSUED: September 30, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Khosla; Chaitan	Stanford	CA		
Hopwood; David A.	Norwich			GB2
Ebert-Khosla; Suzanne	Stanford	CA		
McDaniel; Robert	Palo Alto	CA		
Fu; Hong	Stanford	CA		
Kao; Camilla	Stanford	CA		

US-CL-CURRENT: 435/148; 435/183, 435/252.35, 435/320.1, 435/76, 435/91.4